

094954 050404

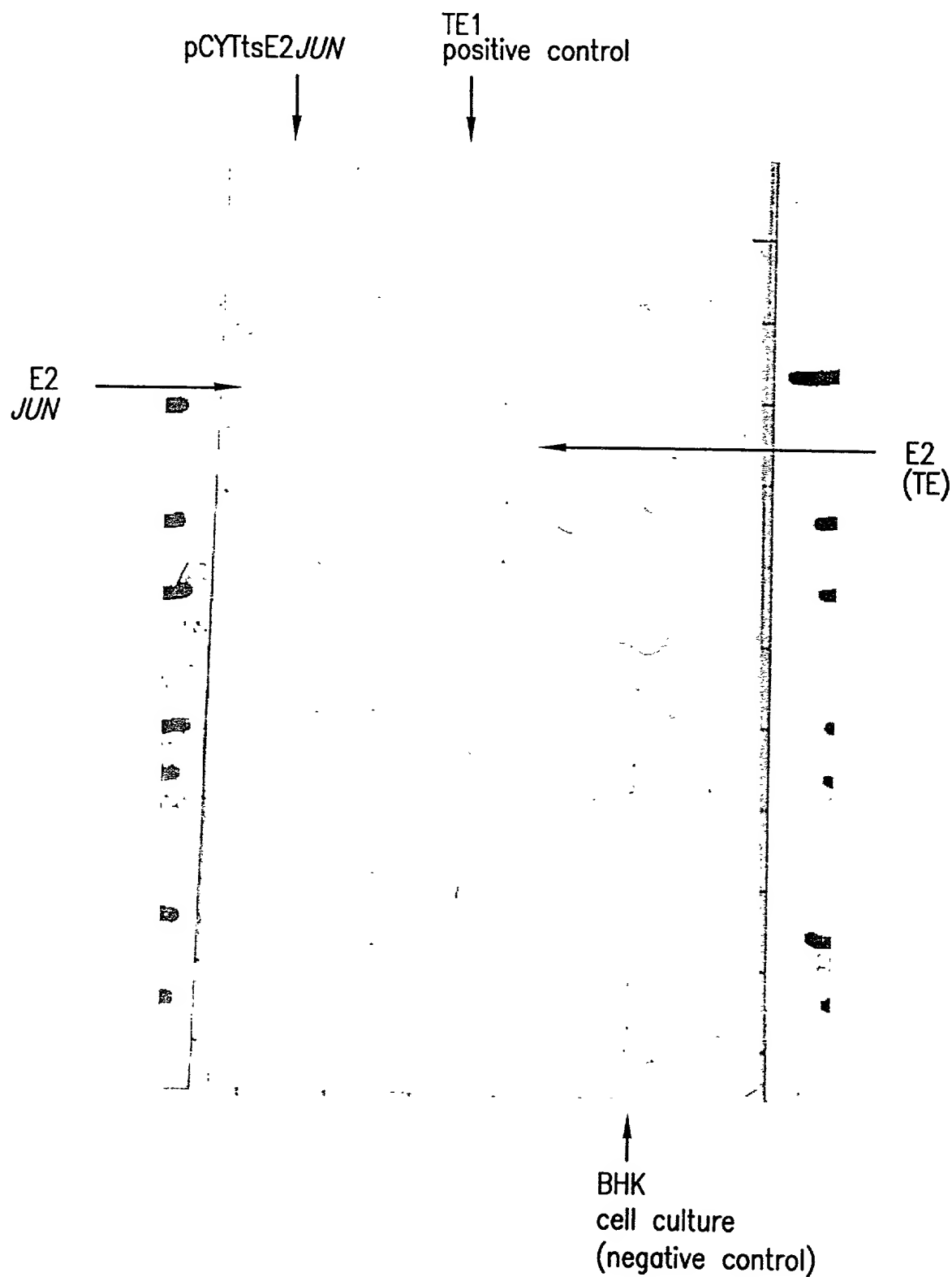


FIG.1

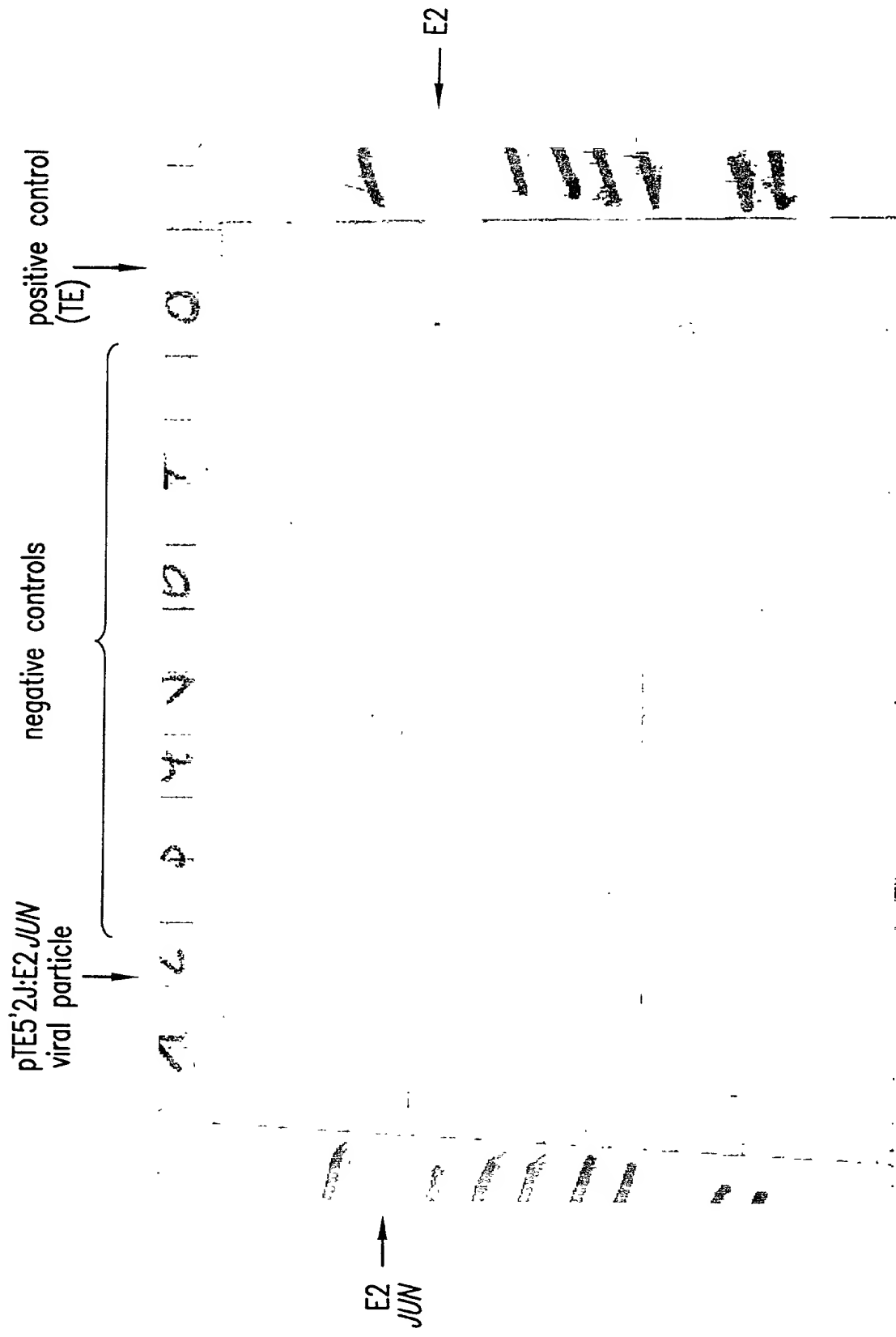


FIG.2

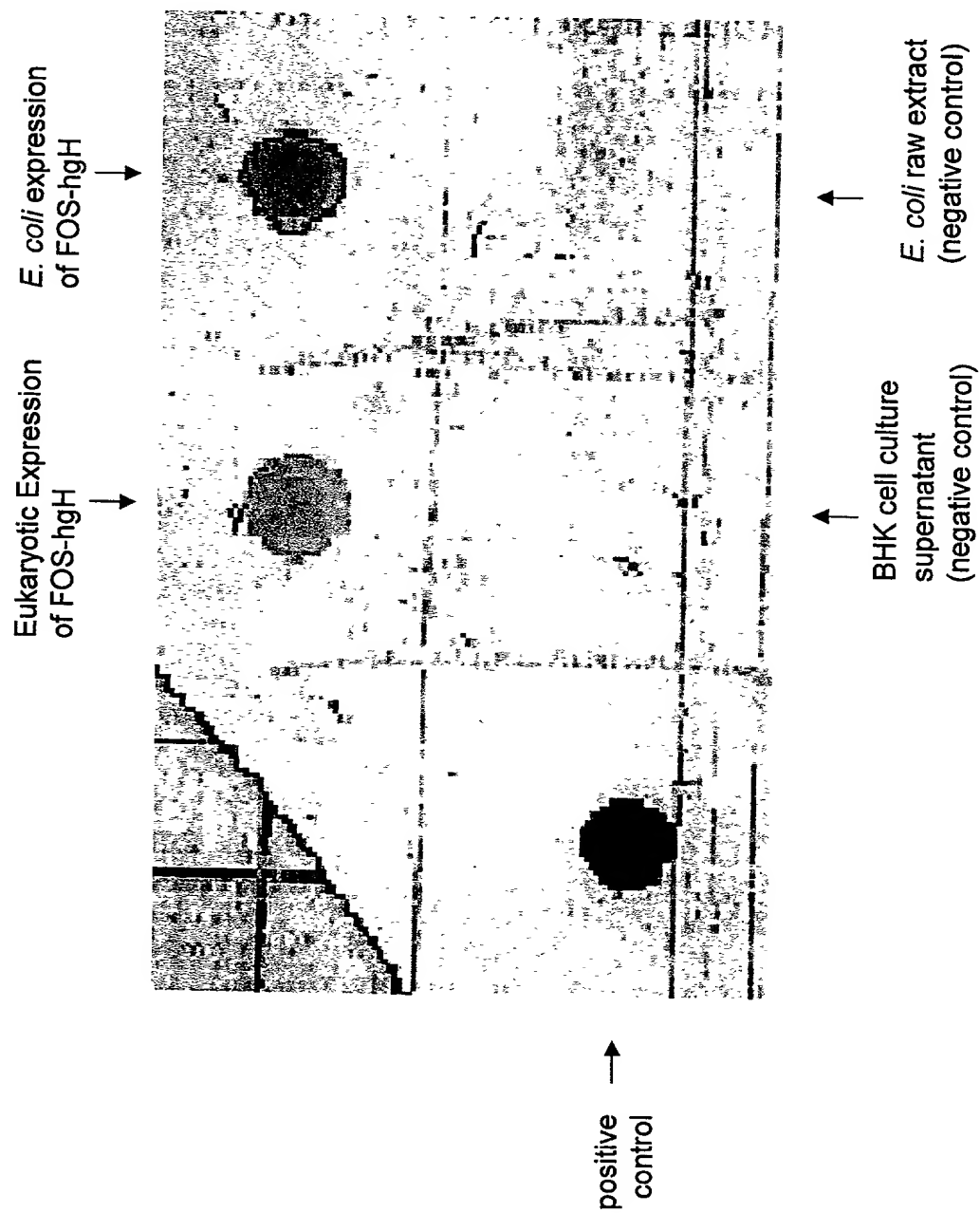


FIG. 3

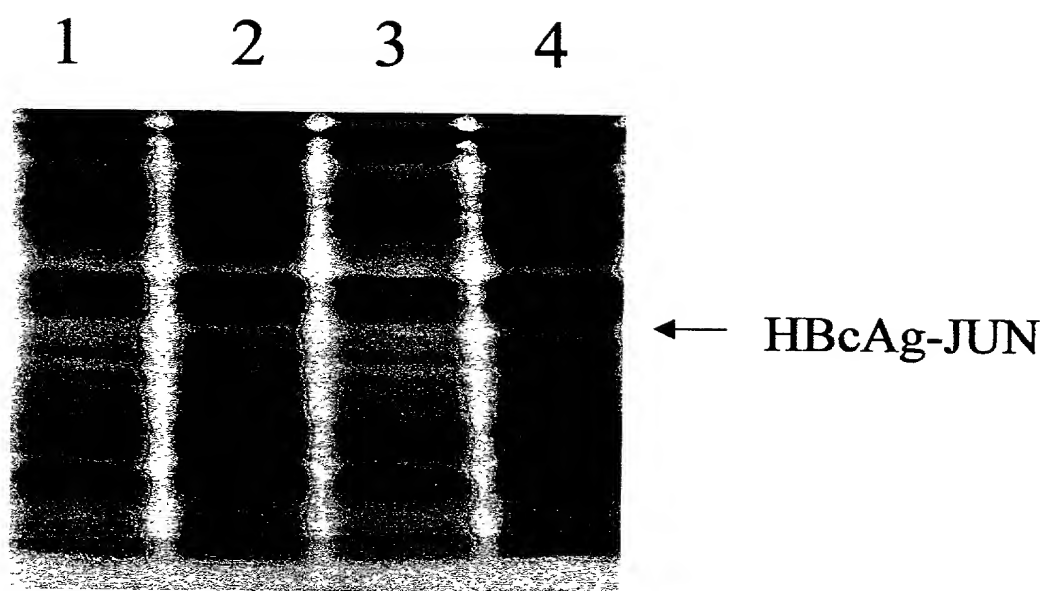
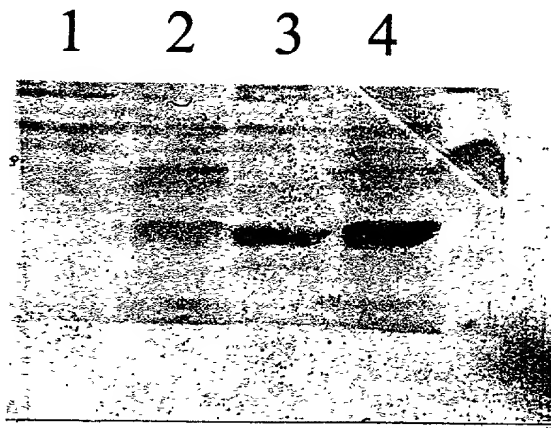


FIG.4



← HBcAg-JUN

FIG.5

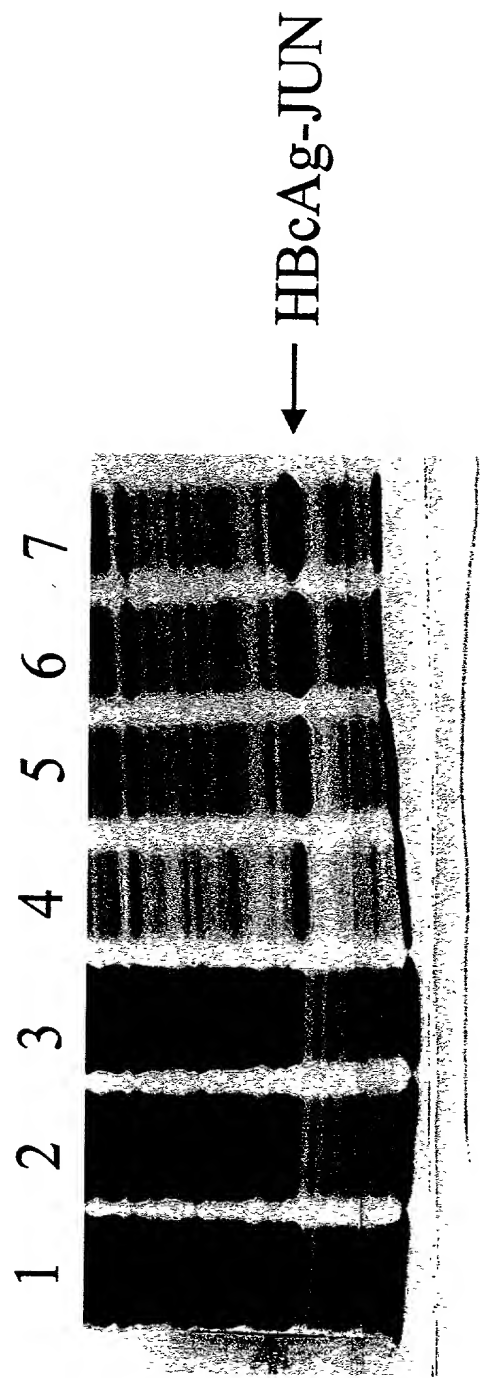


FIG.6

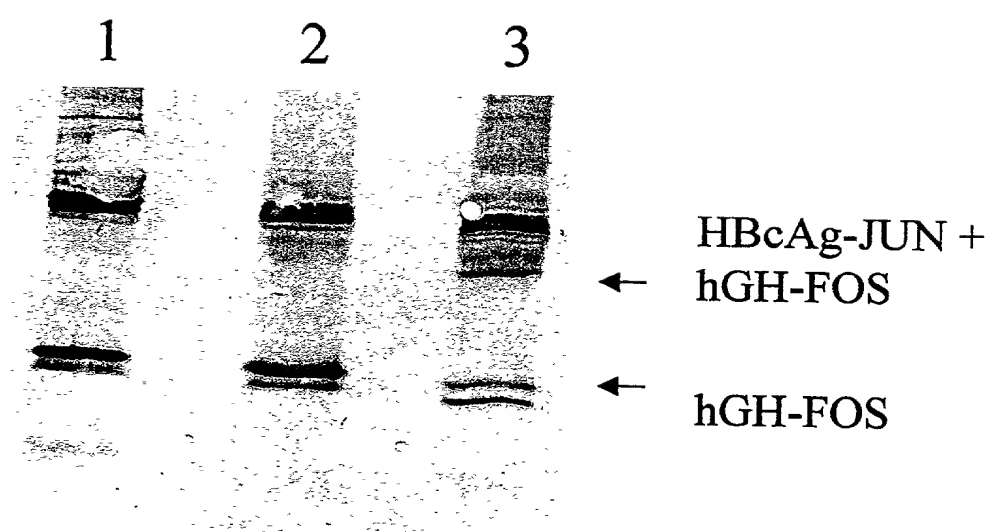


FIG.7

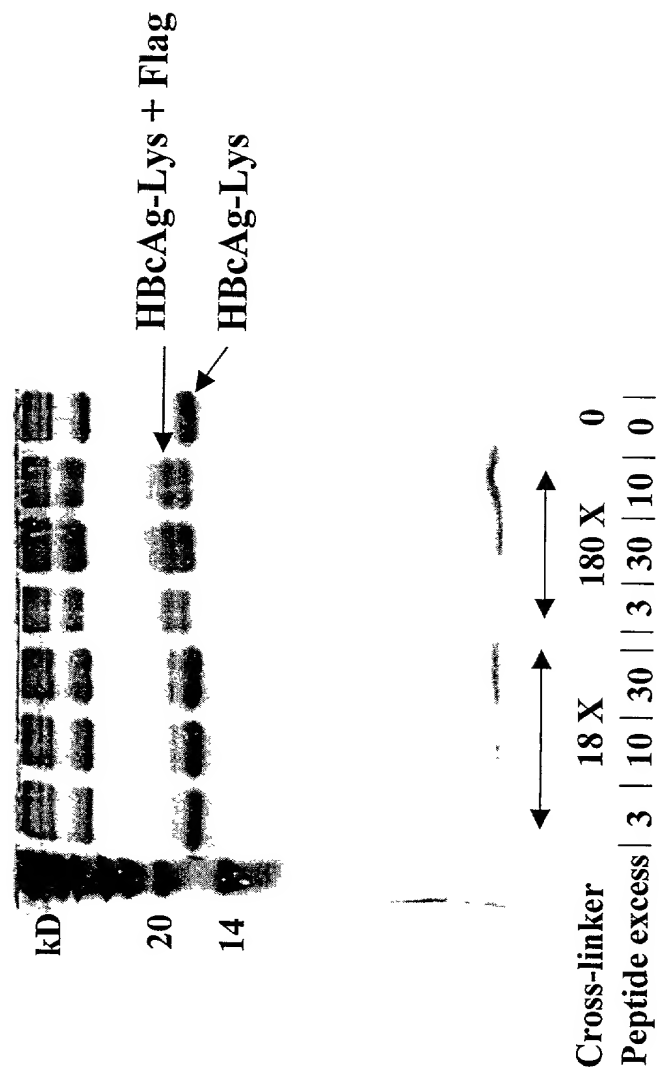


FIG. 8

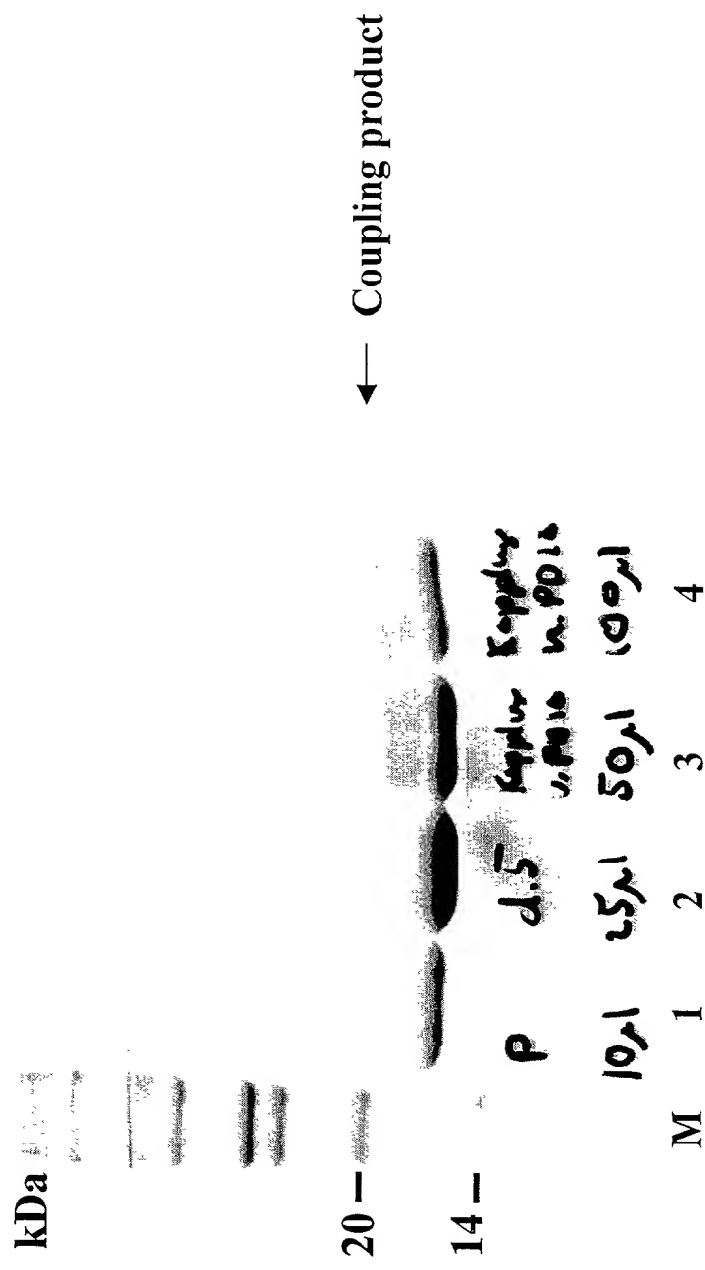


FIG. 9

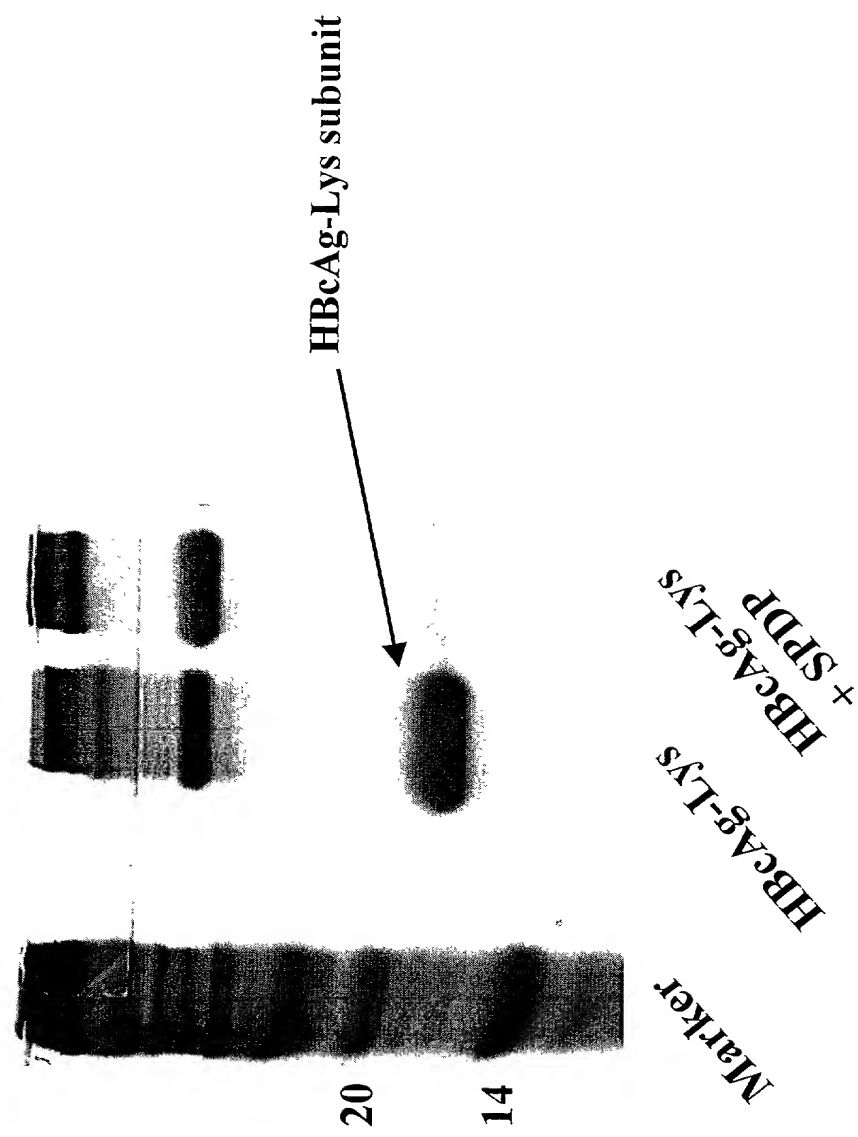


FIG. 10

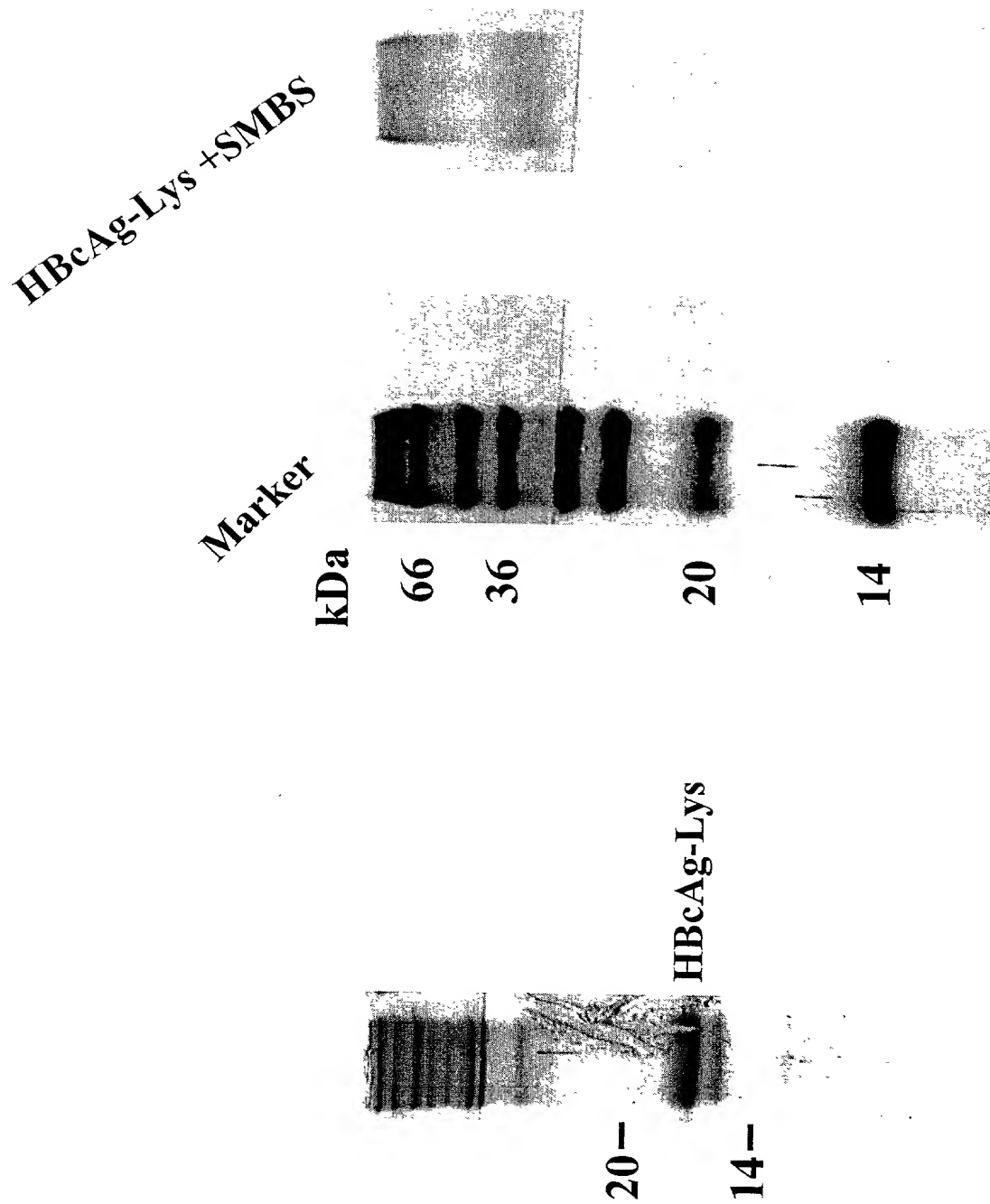


FIG. 11

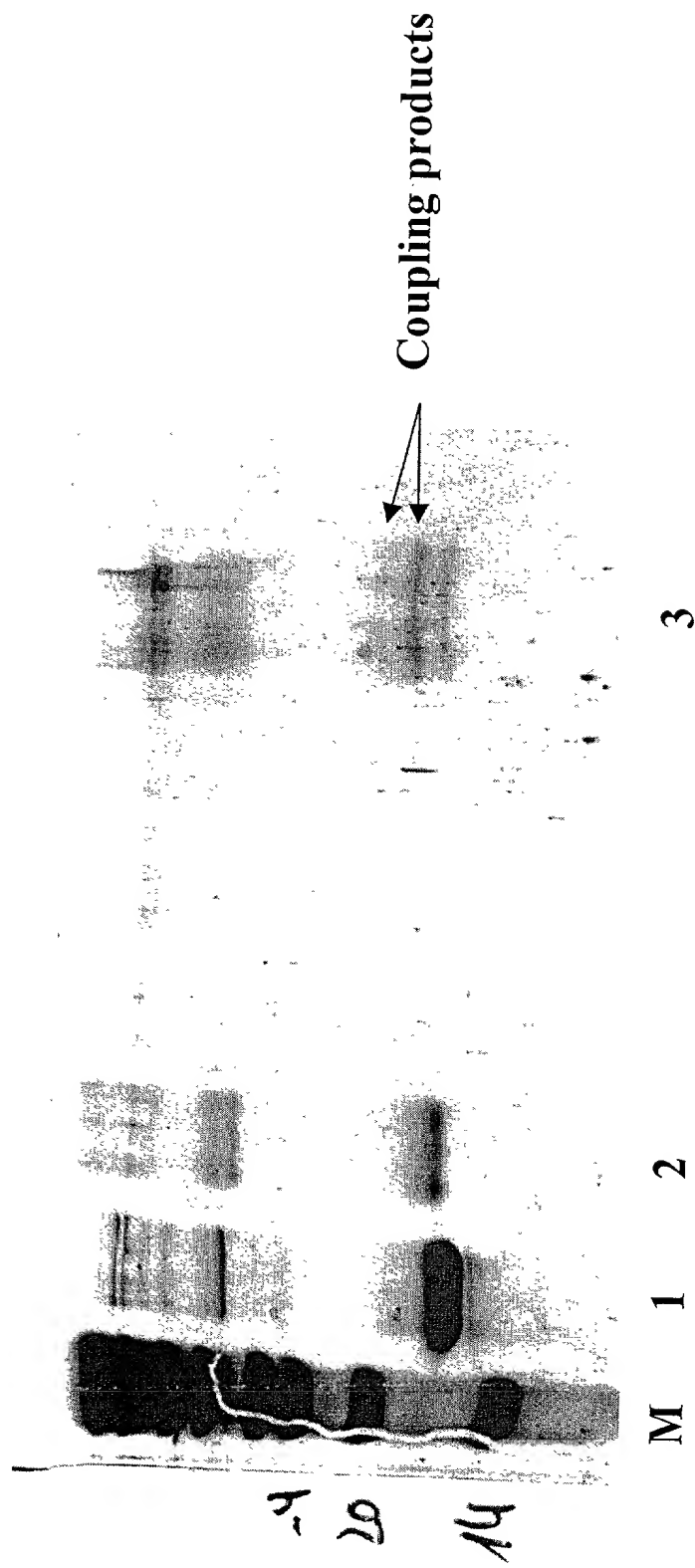


FIG. 12

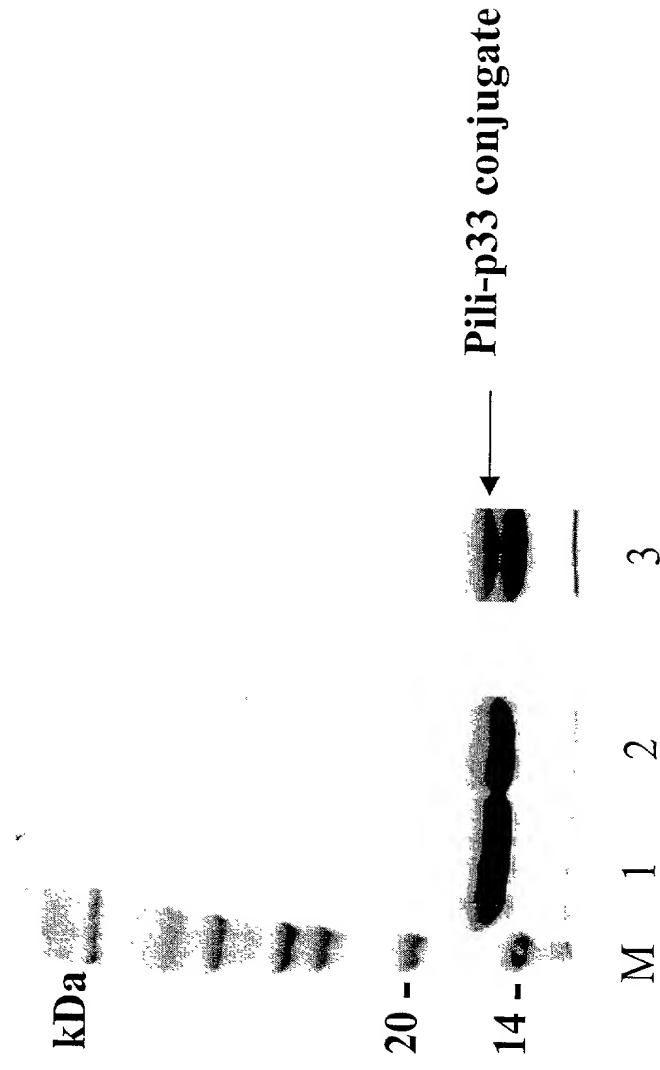


FIG. 13

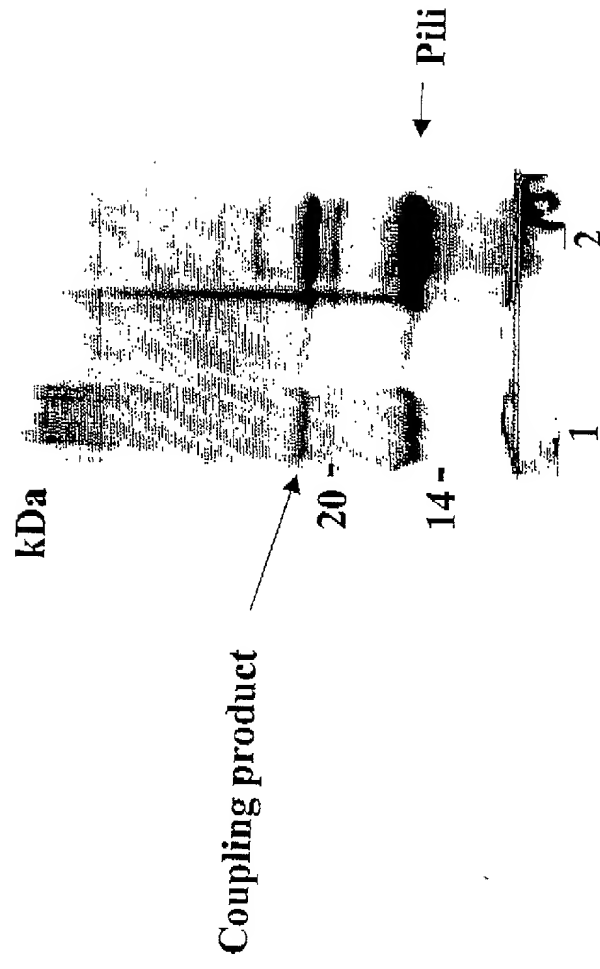


FIG. 14A

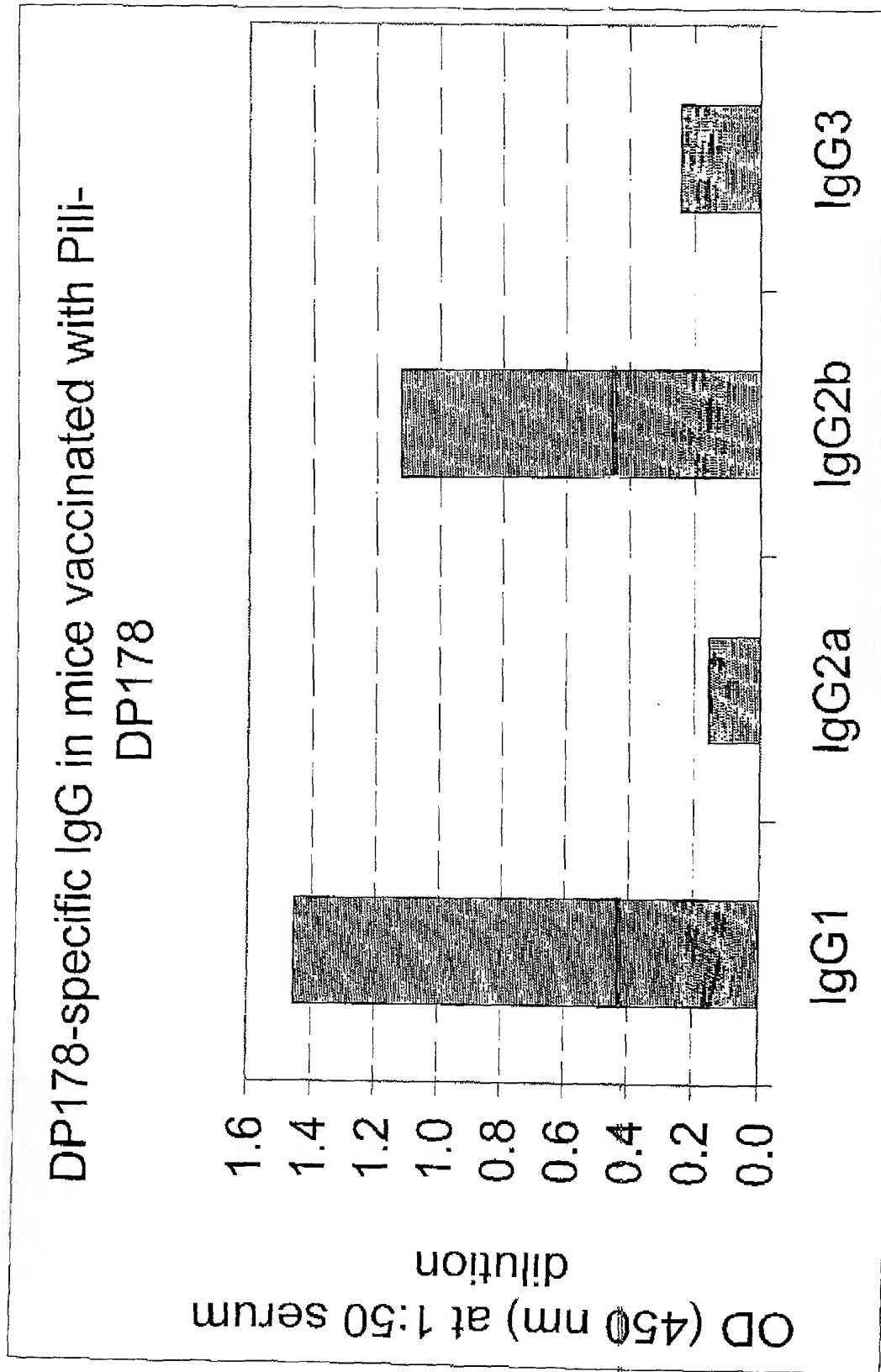
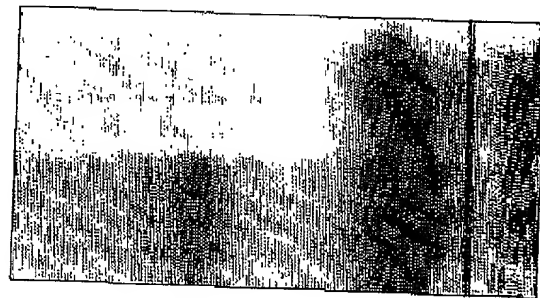


FIG. 14B

GRA2 coupled to pili
Pili alone



GRA2-pili

pili

FIG. 15A

Antibody-titers against GRA2 on d21 (after boost) of mice immunized with GRA2-pili

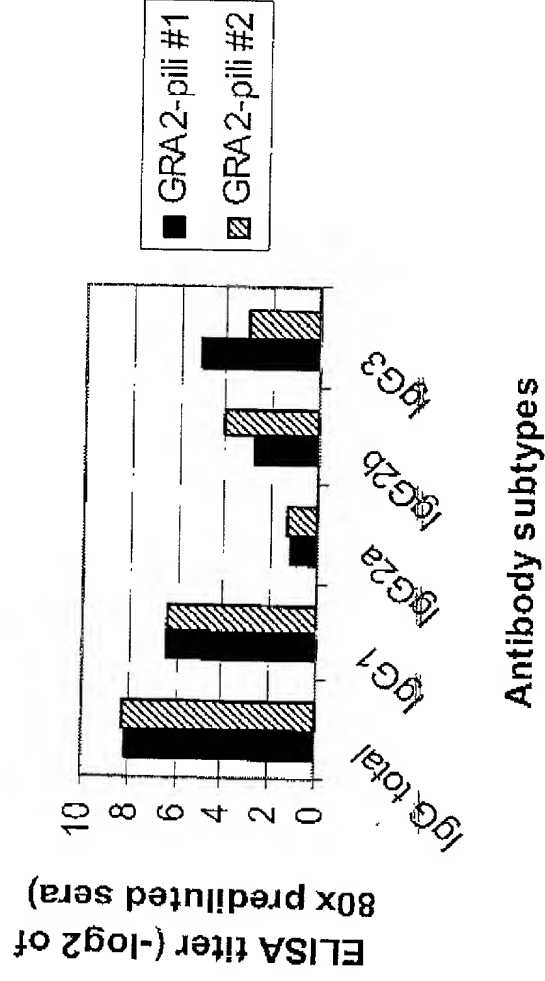


FIG. 15B

B2 coupled to pili
D2 coupled to pili



B2/D2-pili

pili

FIG. 16A

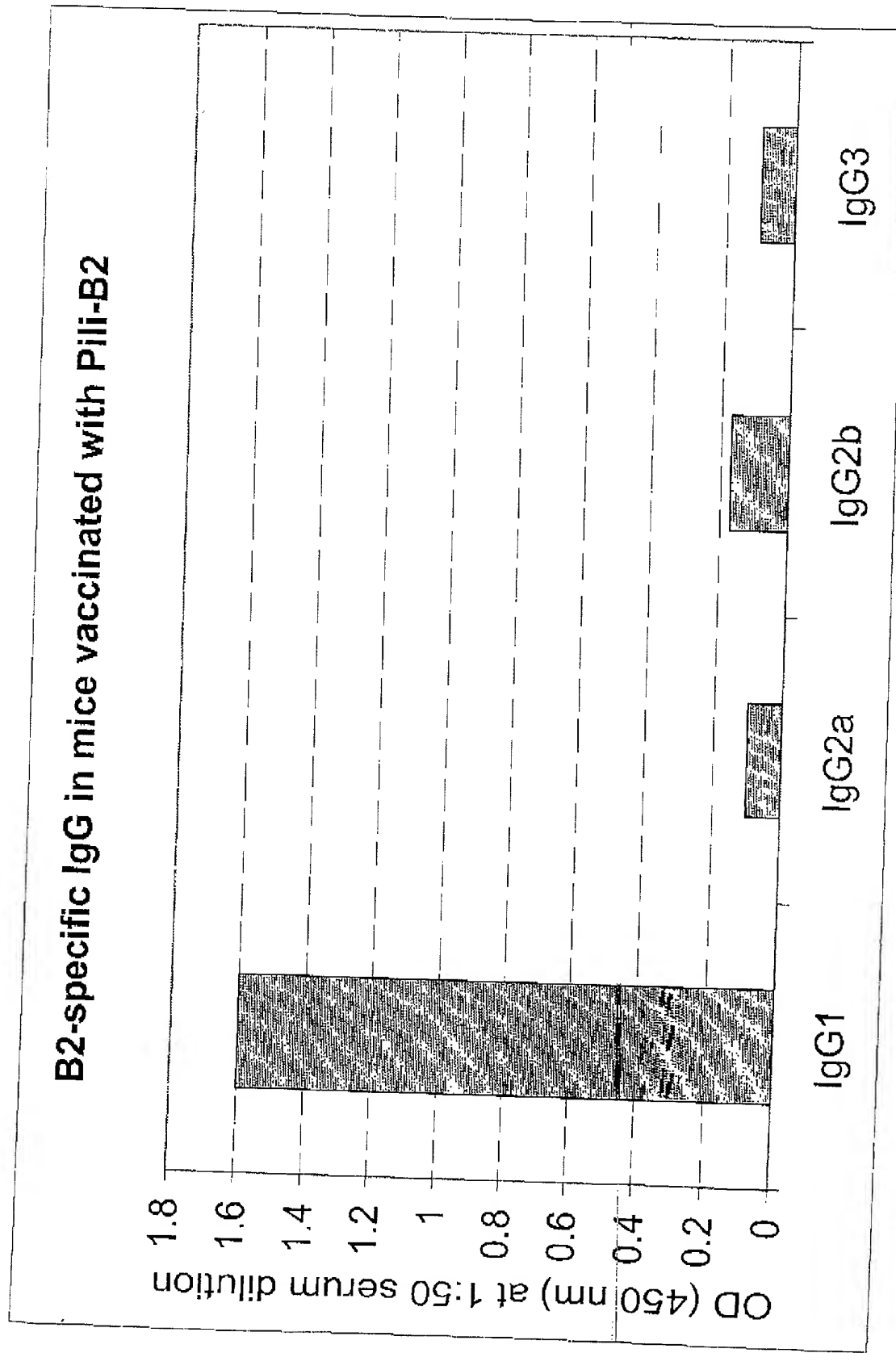


FIG. 16B

anti-TNF α protein IgG in sera of mice vaccinated with TNF peptide
coupled to pili or HBc (day 20)

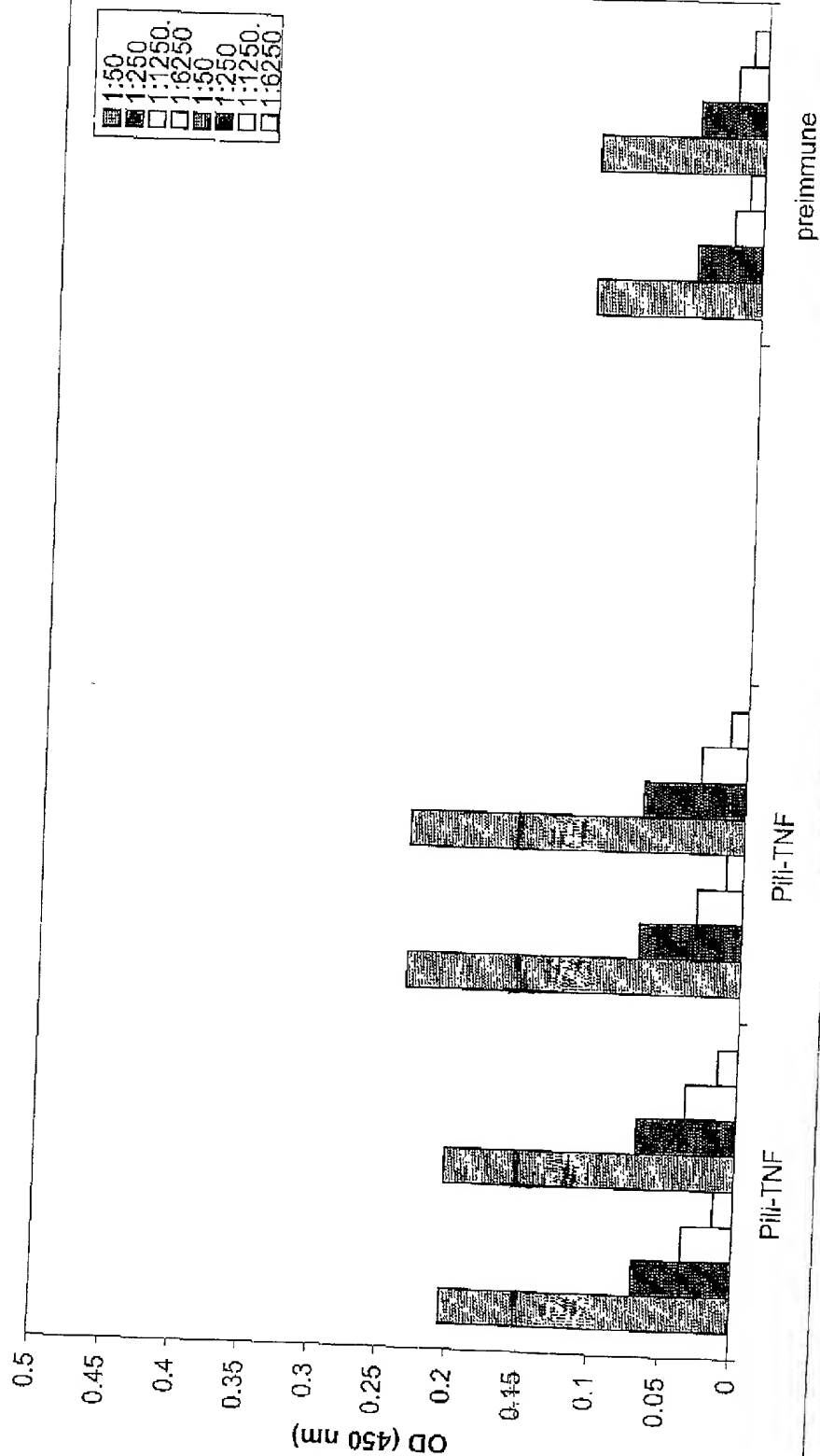


FIG. 17

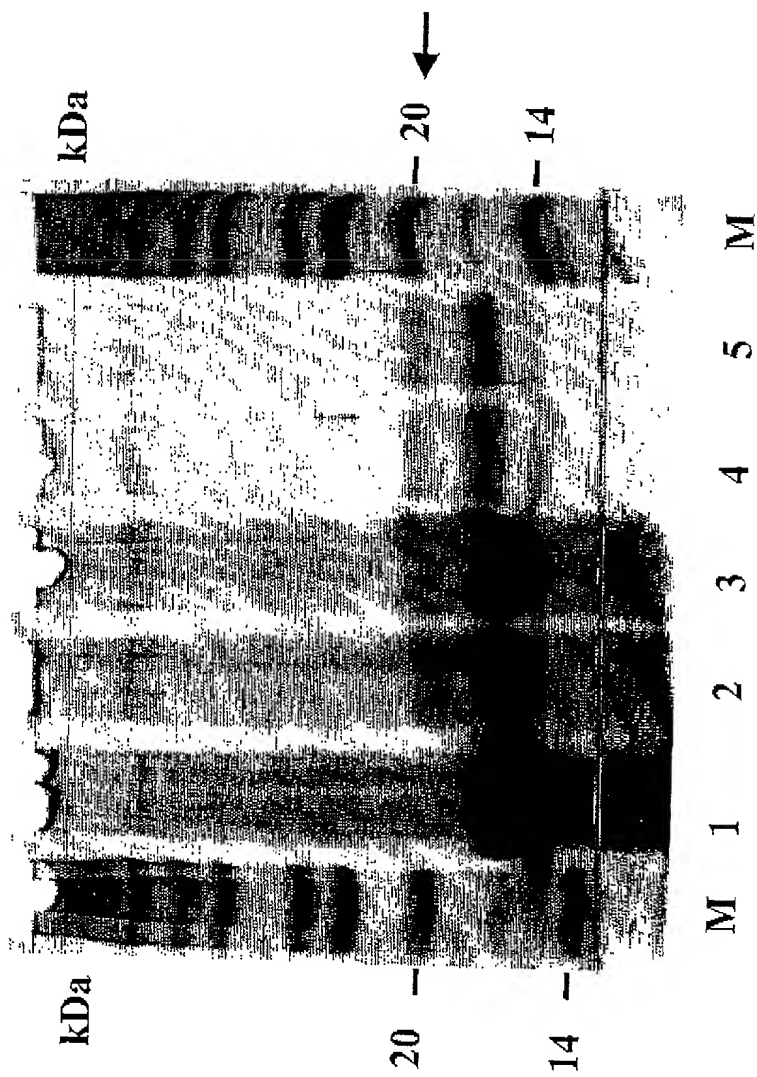


FIG. 18A

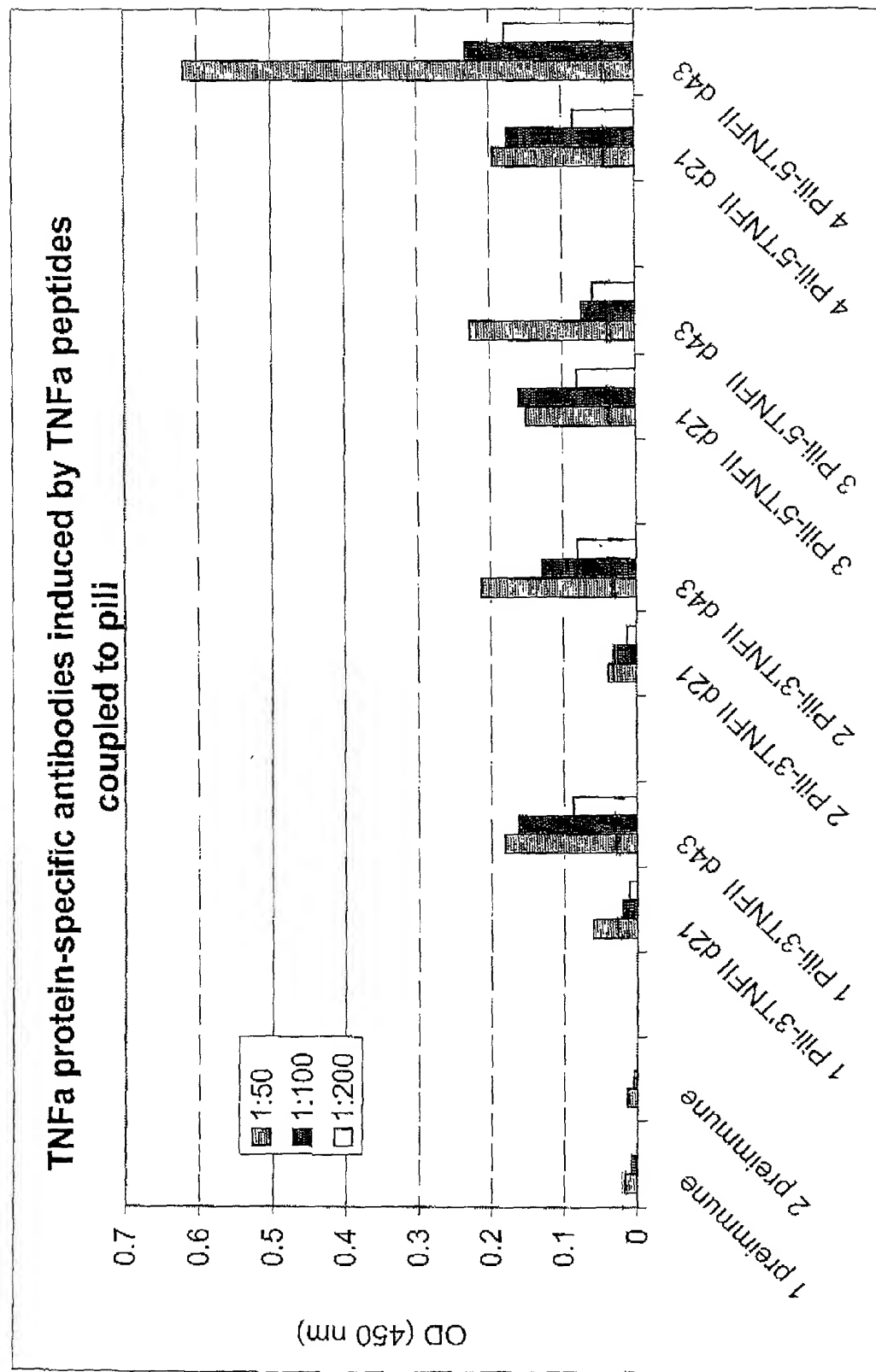


FIG. 18B

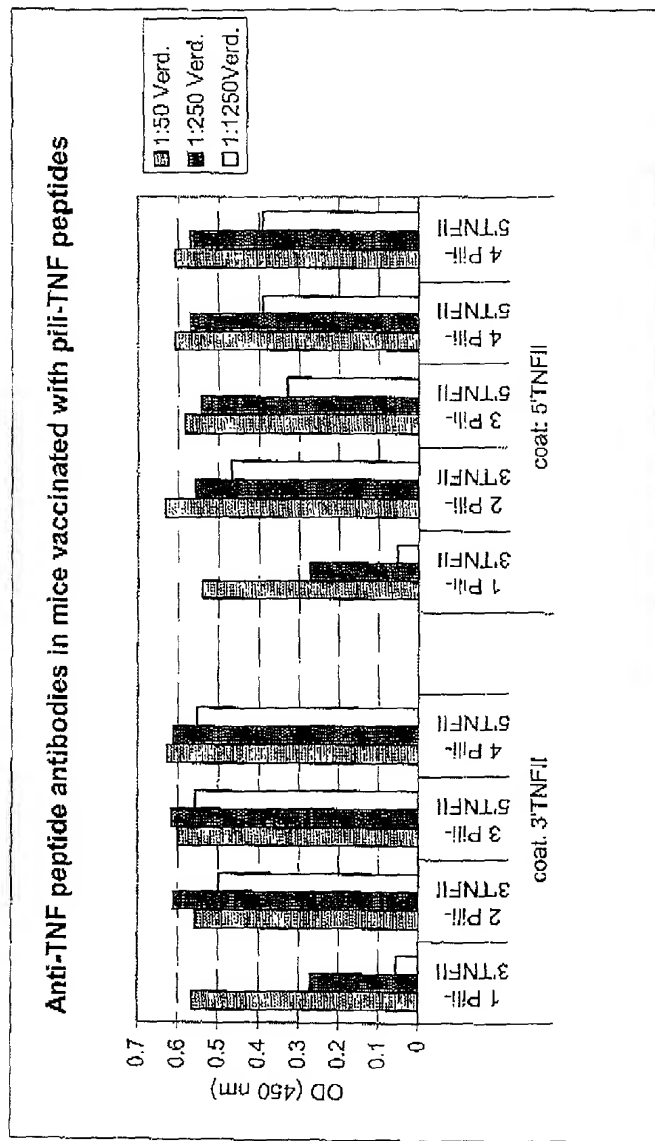


FIG. 18C

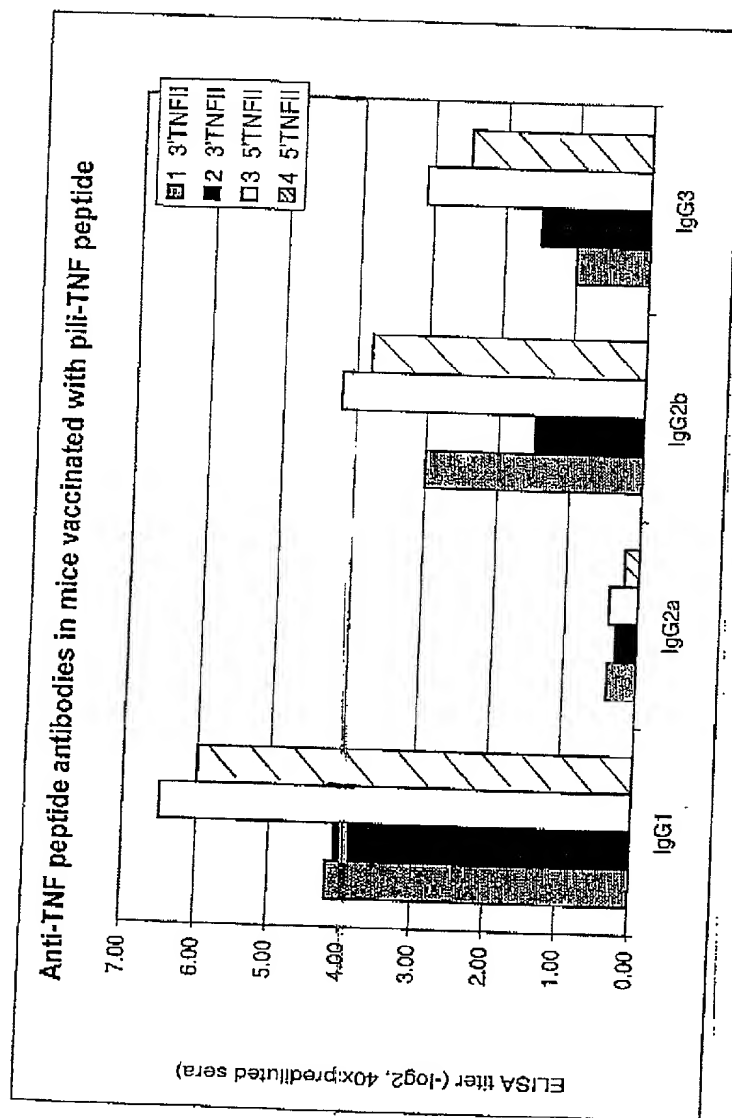


FIG. 18D

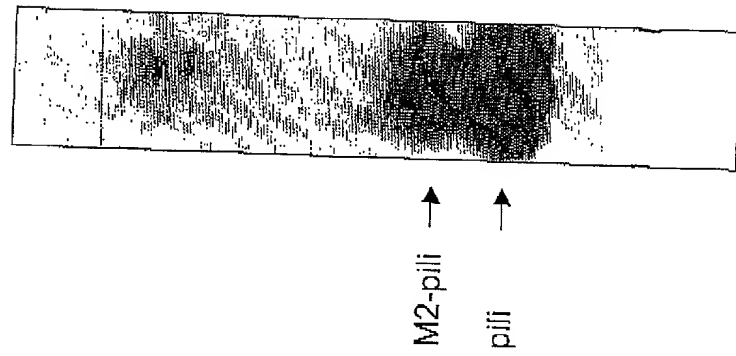


FIG. 19A

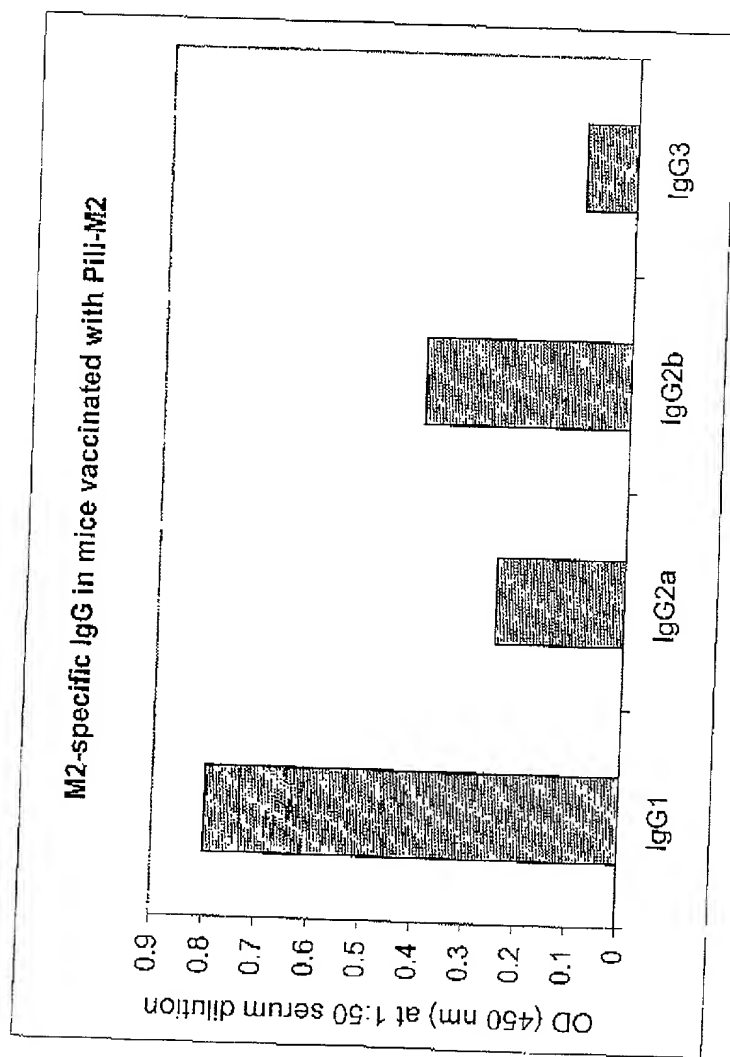


FIG. 19B

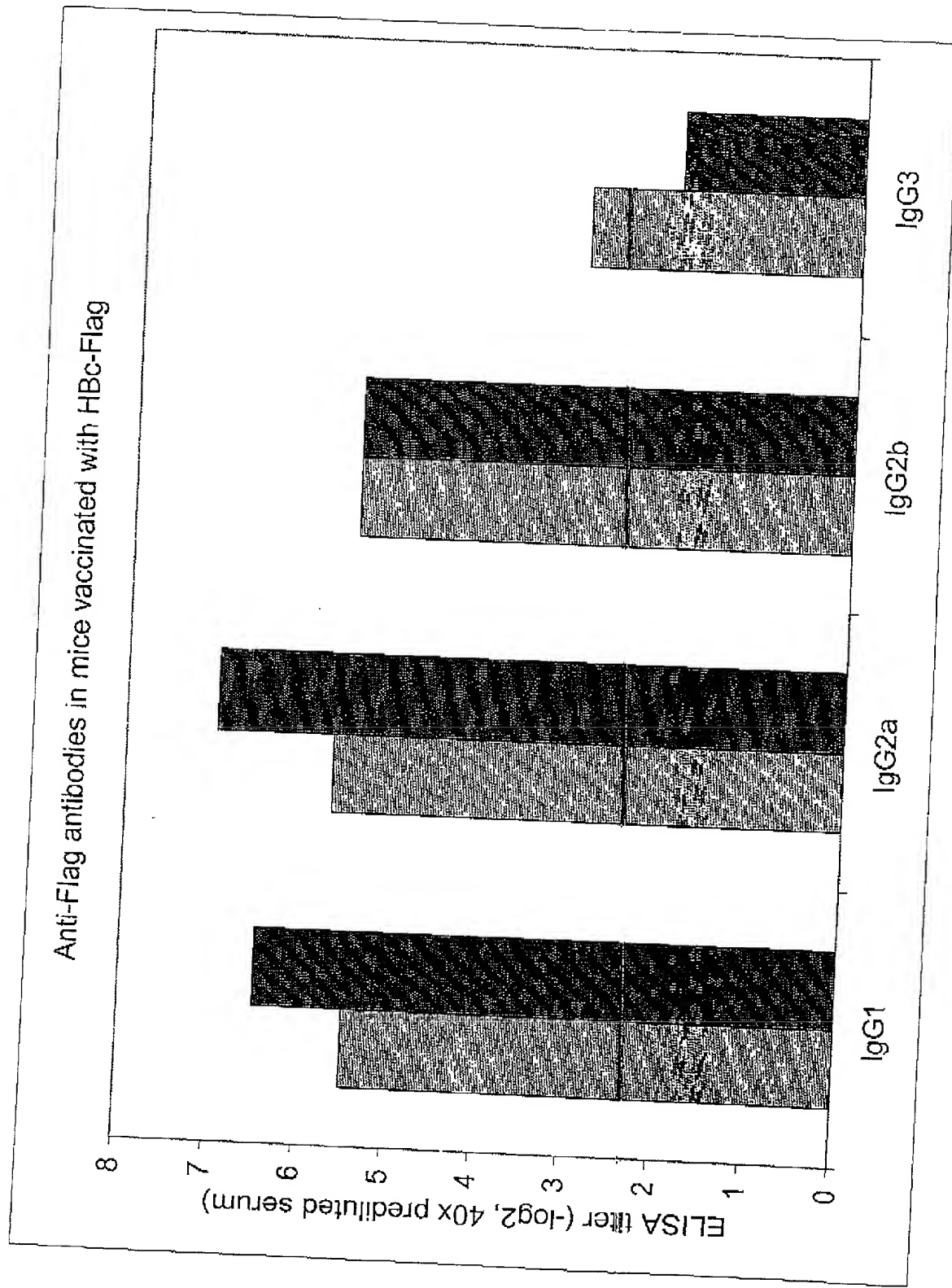


FIG 20